



TORQUE WRENCH TYPE 83

Torque wrenches with slave pointer

Ideal for test, control and maintenance work



Clear product identification:
Provided by the type plate/label.
The article number and the serial
number always ensure traceability in
the scope of your test- and checking-
tool management.



Audio-visual signal: Standard feature or else
optionally: All models are available with an audio-
visual signal for even clearer recognition of the
achieved torque.



Practical handgrip: Handgrip
shaped in accordance with the
most recent ergonomic findings.
Resistant to grease and oil.



Integrated ratchet spindle:
With double square drive
enables high-speed
bi-directional tightening.



Dual scale: N·m and lbf-in/lbf-ft
with main and slave pointers,
protected by a strong window
made of Trogamid "T".



Solid tube: Light-metal tube
with plastic sleeving.



Features

**The working principle of the torque wrench with
slave pointer type 83**



8301 - 8305

TORQUE WRENCH WITH SLAVE POINTER TYPE 83 0.8-2000 N·m / 7 lbf-in - 1500 lbf-ft

Use:

- Controlled tightening and verification of tightening values
- For use in all areas of industrial manufacturing and in quality control
- Working ranges of 0.8 to 2000 N·m are covered

Features:

- Dial-indicating torque wrench with dual scale and multi-functional slave pointer
- 1/4", 3/8", 1/2", 3/4" or 1" double-square drive with ball locking device
- With integrated ratchet-function for controlled bi-directional tightening
- For controlled screw tightening and torque measurements
- Working accuracy: +/- 4 % tolerance of the indicated torque
- Acc. to DIN EN ISO 6789, traceable to national standards
- With dual scale in N·m and lbf-in or lbf-ft double-tinted clearly readable face
- Integrated overload protection - mechanical stop up to max. 25 % overload of the maximum value
- Housing made of lightweight, robust special aluminium construction - lacquered, silver-grey
- Black, non-slip rubber handgrips
- 10 models in the range 0.8 - 2000 N·m
- Models 8301-04 to 8301-40: **EPA-conformant (Electrostatic Protected Area), for use in sensitive electrostatic applications**
- Audio-visual signal is standard on models 8303-40 to 8305-20

Scope of delivery:

- Dial-measuring torque wrench type 83
- Battery for models having audio-visual signal
- Test certificate acc. to DIN EN ISO 6789
- Delivered in a sturdy black plastic box (no. 8301-04 to 8302-20), otherwise in sturdy cardboard packaging (no. 8303-40 to 8305-20)

6.3 1/4"
10 3/8"
12.5 1/2"
20 3/4"
25 1"



± 4 %



Type	1/4"	3/8"	EPA	N·m	lbf-in	lbf-ft	mm	mm	Height	Signal	kg	Code	No.
	1/4	6.3	x	0.8-4	7-35		244	0,1 N·m / 1 lbf-in	61	optional	0.500	7651390	8301-04
	1/4	6.3	x	2.4-12	21-105		244	0,5 N·m / 2 lbf-in	61	optional	0.500	7651470	8301-12
	3/8	10.0	x	5-25	44-220		244	1 N·m / 10 lbf-in	69	optional	0.500	7651550	8301-25
	3/8	10.0	x	8-40	72-360		244	1 N·m / 10 lbf-in	69	optional	0.500	7651630	8301-40
	1/2	12.5		16-80		12-60	435	2 N·m / 1 lbf-ft	86	optional	1.350	7651710	8302-08
	1/2	12.5		40-200		30-160	515	5 N·m / 5 lbf-ft	86	optional	1.400	7651980	8302-20
	3/4	20.0		80-400		60-300	710	10 N·m / 10 lbf-ft	111	standard	3.150	7652280	8303-40
	3/4	20.0		160-800		120-600	1000	20 N·m / 20 lbf-ft	123	standard	4.850	7652010	8304-80
	1	25.0		280-1400		200-1000	2040	25 N·m / 25 lbf-ft	138	standard	16.690	1196790	8305-14
	1	25.0		400-2000		300-1500	2040	50 N·m / 50 lbf-ft	138	standard	16.690	1196804	8305-20